



|                     |              |
|---------------------|--------------|
| <b>Project:</b>     | <b>Type:</b> |
| <b>Prepared By:</b> | <b>Date:</b> |

| Driver Info |                  | LED Info     |                   |
|-------------|------------------|--------------|-------------------|
| Type        | Constant Current | Watts        | 30W               |
| 120V        | 0.24A            | Color Temp   | 3500K/4000K/5000K |
| 208V        | 0.15A            | Color        | 83-85 CRI         |
| 240V        | 0.13A            | Accuracy     |                   |
| 277V        | 0.11A            | L70 Lifespan | 50,000 Hours      |
| Input Watts | 20.6-41.3W       | Lumens       | 2773-5545         |
|             |                  | Efficacy     | 128.4-141.6 lm/W  |

## Technical Specifications

### Field Adjustability

#### Field Adjustable:

Field Adjustable Light Output:  
20W/30W/40W (factory default 30W)  
Color temperature (selectable by 3000K, 4000K and 5000K)

### Lightcloud

#### Lightcloud Blue Installed:

Integrated/embedded networked lighting control, luminaire-level lighting control. Fixture, Zone, and plug-load control from one powerful device. LLLC - capable of switching, 0-10Vdimming, power/energy monitoring. Can also be used to extend the range of the Lightcloud Blue utilizes a "BLE Mesh" network communication protocols. Offers the capability to set the maximum light output to a less-than-maximum state of an individual luminaire at the time of installation or commissioning. The High-End trim functionality is field reconfigurable via the Lightcloud "BLE Mesh" network communication protocols. The Lightcloud Blue controller is designed to be attached to the fixture directly.

DLC system - N1XMLOEATBA  
[Learn more about Lightcloud.](#)

### Compliance

#### UL Listed:

Suitable for damp locations

#### CCEA Compliant:

Luminaire Requirements used in Environmental Air Space per the electrical code specification of the City

### LED Characteristics

#### LEDs:

Long-life, high-efficiency, surface-mount LEDs

### Performance

#### Lifespan:

50,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

### Construction

#### IC Rated:

Suitable for direct contact with insulation

#### Cold Weather Starting:

The minimum starting temperature is -20°C (-4°F)

#### Maximum Ambient Temperature:

Suitable for use in up to 40°C (104°F)

### Lens:

Frosted polystyrene

### Housing:

Plastic frame & galvanized steel back housing

### Green Technology:

Mercury and UV free. RoHS-compliant components.

### Electrical

#### Drivers:

20W: Constant Current, Class 2, 120-277V, 50/60 Hz,  
120V: 0.17A, 208V: 0.10A, 240V: 0.09A, 277V: 0.08A  
30W: Constant Current, Class 2, 120-277V, 50/60 Hz,  
120V: 0.25A, 208V: 0.15A, 240V: 0.13A, 277V: 0.11A  
40W: Constant Current, Class 2, 120-277V, 50/60 Hz,  
120V: 0.34A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

of Chicago

**IESNA LM-79 & LM-80 Testing:**

RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80.

## Technical Specifications (continued)

### Electrical

#### Dimming Driver:

Driver includes dimming control wiring for 0-10V dimming systems. Requires separate 0-10V DC dimming circuit. Dims down to 10%.

#### THD:

9.17% at 120V, 9.75% at 277V

#### Power Factor:

99.5% at 120V, 98.3% at 277V

#### Note:

All values are typical (tolerance +/- 10%)

### Other

#### 5 Yr Limited Warranty:

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at [rablighting.com/warranty](http://rablighting.com/warranty).

#### Trade Agreements Act Compliant:

This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

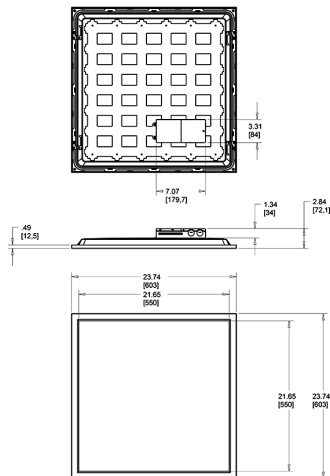
#### Buy American Act Compliance:

RAB values USA manufacturing! Upon request, RAB may be able to manufacture this product to be compliant with the Buy American Act (BAA). Please contact customer service to request a quote for the product to be made BAA compliant.

#### Equivalency:

Equivalent to (3) F32T8 or (6) F17T8 or (5) F14T5

## Dimensions



## Features

- 0-10V dimming
- 50,000-Hour LED lifespan
- 5-year, limited warranty

## Ordering Matrix

| Family  | Size/Wattages                                      | Color Temp                | Finish        | Voltage                         | Options  |
|---------|--|---------------------------|---------------|---------------------------------|--|
| T34FAHE | -<br>2X2   | Blank = 5000K/4000K/3500K | Blank = White | Blank = 0-10V Dimming, 120-277V | /LCB   |
|         | 2X2 = 2' x 2' 40/30/20W<br>2X4 = 2' x 4' 50/40/30W |                           |               |                                 | Blank = No Option<br>/LC = Lightcloud Control<br>/LCB = Lightcloud Blue<br>/E = Battery Backup |